

From: [Philip Turner](#)
To: [Linda Broach](#)
Cc: [Barry Forsythe](#); [Bob Piniewski](#); [Danielle Sattman](#); [Joseph Bell](#); ['Jessica White'](#); [Jon Rauscher](#); [Maureen Hatfield](#); [Philip Allen](#); [Vickie Reat](#)
Subject: Re: Patrick Bayou - Meeting Notes and Materials
Date: 07/22/2009 02:26 PM

Linda,

The JDG is proposing no fish ingestion in the HHRA due to the fact that Patrick Bayou is private property and small boats would not get past the bridge near the opening to the ship channel. This issue was visited just after the Preliminary Site Characterization. While such assessment just in the ship channel would be useful, it is outside the PB boundaries and would include potential contaminants from many other sources.

As always, comments are welcome.

Phil

▼ [Re: Patrick Bayou - Meeting Notes and Materials](#)

Re: Patrick Bayou - Meeting Notes and Materials

Linda Broach to: Philip Turner, Joseph Bell

07/21/2009
08:24 AM

Cc: Philip Allen, Barry Forsythe, Jon Rauscher, "'Jessica White'", "Bob Piniewski", "Danielle Sattman", "Maureen Hatfield", "Vickie Reat"

Phil et al,
My understanding was that the Human Health risk assessment would also include fish consumption. Is this correct?
Linda

>>> <Turner.Philip@epamail.epa.gov> 7/14/2009 11:25 AM >>>

Hi Joe,

Yes, EPA and the Patrick Bayou group (Project Navigator, Anchor, JDG) would like your input. Anchor was in town for another meeting

and asked to drop by. They offered a few suggestions towards moving forward the risk assessment workplan. We discussed the topics you see in the attachments and Jessica White's summary, with the understanding that several were not in attendance and that their input was valuable.

As I understood, the JDG needs input on the following:

- 1) the JDG would like comments on the Sediment Zone Mixing Study as soon as possible as it will help speed up the risk assessment workplans and field work scheduled for Sept or Oct.
- 2) Is 10 cm ok for sampling depth for the risk assessments? The JDG proposed that this depth is likely greater than the biological zone of the Bayou.
- 3) Acute vs chronic sediment data/tox testing. Anchor presented rationale for using the acute data as there are numerous papers suggesting these types of tests did not offer much different results and that acute tests were sometimes even more sensitive (based on the endpoint). They forwarded papers cited for our review, and I sent another one out yesterday. I'm not sure if everyone got it, so let me know if you didn't and would like it. The JDG is seeking thoughts on this approach.
- 4) Is it ok if higher trophic level mammals (e.g., mink, otter) are not assessed? The rationale for this was the absence of habitat, however, a habitat suitability has not been performed. It was suggested that they at least assess a small mammal which might serve as prey for raptors. The group tentatively agreed that higher mammals might not be necessary, but others need to weigh in. I've since spoken to TPW and Linda Broach who both agreed that higher level mammals would probably be risked away, BUT the JDG should go ahead and perform those assessments for completeness.
- 5) The JDG proposed that the Human Health risk assessment only needs to cover Occupational dermal exposure. It was suggested and tentatively agreed upon to include incidental ingestion. Your input on this is also appreciated.

The following were FYI:

- 1) The first cut of the risk assessment will focus on traditional deterministic methods, and may include probabilistic approaches as a "second tier" refinement. The understanding was that we will see less probabilistic than originally thought, at least at first, then those methods might be used at a later point for refinement where applicable.
- 2) The JDG will likely expand it's efforts on upstream characterization.

Hope this helps.

Phil

Philip K. Turner, Ph.D.
US EPA Region 6
Superfund Division (6SF-TR)
1445 Ross Avenue, Suite 1200
Dallas Texas 75202-2733
T: (214) 665-2706
F: (214) 665-6660
E: turner.philip@epa.gov

Re: Patrick Bayou - Meeting Notes and Materials

Joseph Bell

to: Philip Allen, Jon Rauscher, Philip
Turner

07/14/2009 09:57 AM

Cc:

"Jessica White", "Bob Piniewski", "Danielle Sattman",
"Linda Broach", "Maureen Hatfield", "Vickie Reat"

Phil (or other EPA reps if Phil is unavailable),

TCEQ is somewhat confused about what EPA's expectation is for these submitted documents. We did not attend the meeting (no invitation to do so), so we are scratching our heads as to whether EPA desires to see TCEQ's comments upon these materials or if they are being provided purely for reference. Can you respond to this E-mail with your expectation so that, if we are to provide comment, I can begin the process of review assignment to our subject matter experts?

Thanks,

Joe

>>> "Bob Piniewski" <bobp@projectnavigator.com> 7/13/2009 10:47
AM >>>
Phil,

Attached please find the meeting notes, materials and the technical papers

we discussed at the July 9, 2009 Patrick Bayou meeting. Should you have any questions please contact me.

Bob Piniewski

Project <<http://www.projectnavigator.com/>> Navigator, Ltd.

Office: 919-435-0934

Cell: 919-539-1928

Fax: 919-882-1470

70 Traylee

Wake Forest, NC 27587

This electronic mail transmittal ("E-mail") is intended only for the use of the individual or entity to which it is addressed and may contain information that is confidential and exempt from disclosure under applicable law, including, but not limited to, information protected by the attorney/client privilege. If the reader of this E-mail is not the intended recipient or the employee or agent responsible for delivering the E-mail to the intended recipient, I love you AJ, you are hereby notified that any dissemination, distribution or copying of this E-mail communication is strictly prohibited. If you have received this E-mail communication in error, please notify us immediately by return E-mail and delete the original E-mail message from your computer system. Thank you. Help Cure <<http://www.thepetitionsite.com/1/CureChildhoodCancer>> Childhood Cancer